

# EML (100X73)R CUS - Label



0824282

<https://www.phoenixcontact.com/us/products/0824282>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Label, can be ordered: by line, white, labeled according to customer specifications, mounting type: adhesive, text field height: 73 mm, text field width: 100 mm

## Your advantages

- The EML ... self-adhesive device markers are particularly suitable for identification of various types of equipment in controller, system, and control cabinet building
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML ... materials are UL-listed
- A wide range of marker sizes and colors are available for custom designs
- Labeling service: Phoenix Contact can custom-label all EM ... markers in accordance with your requirements

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 0824282                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | BG8141                         |
| GTIN                                 | 4046356351515                  |
| Weight per piece (including packing) | 1.99 g                         |
| Weight per piece (excluding packing) | 1.99 g                         |
| Country of origin                    | PL                             |

## Technical data

### Product properties

|              |              |
|--------------|--------------|
| Product type | Gerätemarker |
|--------------|--------------|

### Marking

|                                     |                |
|-------------------------------------|----------------|
| Number of individual labels per row | 1              |
| Identification technology           | Thermotransfer |

### Dimensions

|        |           |
|--------|-----------|
| Width  | 100.00 mm |
| Height | 73.00 mm  |
| Depth  | 0.08 mm   |
| Length | 73 mm     |

### Material specifications

|            |                                |
|------------|--------------------------------|
| Adhesive   | Acrylic                        |
| Color      | white (RAL 9010)               |
| Material   | Polyester                      |
| Components | free from silicone and halogen |

### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

|        |             |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

#### Test for substances that would hinder coating with paint or varnish

|               |                                |
|---------------|--------------------------------|
| Result        | Test passed                    |
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements  | ≥ 5 N                          |
| Result        | Test passed                    |

#### Tesafilm test

|               |                                     |
|---------------|-------------------------------------|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result        | Test passed                         |

#### UV resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result        | Test passed                           |
| Test duration | 96 h                                  |
| Procedure     | Artificial irradiation.               |

#### Temperature resistance

|                        |                                 |
|------------------------|---------------------------------|
| Specification          | ANSI/UL 969-2018:03 (following) |
| Test duration          | 240 h                           |
| Rating 150 °C (180 °C) | Test passed                     |

## Wipe resistance of inscriptions

|                                                   |                                                                   |
|---------------------------------------------------|-------------------------------------------------------------------|
| Specification                                     | DIN EN 61010-1 (VDE 0411-01):2020-03                              |
|                                                   | DIN EN 62208 (VDE 0660-511):2012-06 (in parts)                    |
| Isopropyl<br>[CAS No. 67-63-0]                    | Test passed (not applicable for 0829542 THERMOMARK-RIBBON 110 GN) |
| n-Hexane<br>[CAS No. 110-54-3]                    | Test passed                                                       |
| Water + Petroleum ether<br>[CAS No. 64742-82-1]   | Test passed                                                       |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                                       |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                                       |
| Specification                                     | ISO 175:2010 (following)                                          |
| Test duration                                     | 168 h                                                             |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                                       |
| IRM 901                                           | Test passed                                                       |
| IRM 902                                           | Test passed                                                       |

## Testing in a condensation changing climate in the presence of sulfur dioxide

|               |                      |
|---------------|----------------------|
| Specification | EN ISO 22479:2022-06 |
| Result        | Test passed          |
| Procedure     | Method B             |
| Cycles        | 2                    |

## Salt spray test

|               |                           |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result        | Test passed               |
| Test duration | 96 h                      |

## Ambient conditions

|                                                     |                                                                                 |
|-----------------------------------------------------|---------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -40 °C ... 150 °C                                                               |
| Ambient temperature (assembly)                      | > 5 °C                                                                          |
| Recommended ambient temperature (storage/transport) | 23 °C                                                                           |
| Recommended humidity (storage/transport)            | 50 % (Storage in a dry and dark place in the original packaging is recommended) |
| Shelf life                                          | 2 years                                                                         |

## Standards and regulations

|                 |                             |
|-----------------|-----------------------------|
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
|-----------------|-----------------------------|

## Mounting

|               |          |
|---------------|----------|
| Mounting type | adhesive |
|---------------|----------|

# EML (100X73)R CUS - Label

0824282

<https://www.phoenixcontact.com/us/products/0824282>



## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0824282>



**cULus Recognized**  
Approval ID: MH48542

# EML (100X73)R CUS - Label



0824282

<https://www.phoenixcontact.com/us/products/0824282>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281103 |
| ECLASS-15.0 | 27281103 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001288 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131500 |
|-------------|----------|

Environmental product compliance

|                                         |                            |
|-----------------------------------------|----------------------------|
| EU RoHS                                 |                            |
| Fulfills EU RoHS substance requirements | Yes, No exemptions         |
| EU REACH SVHC                           |                            |
| REACH candidate substance (CAS No.)     | No substance above 0.1 wt% |

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)